



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Brenda M. Ogle et al.

Serial No. : 10/554,122

Filed : October 21, 2005

Title : METHODS FOR ASSESSING BIOLOGIC DIVERSITY

Art Unit : 1637

Examiner : Unknown

Conf. No. : 4639

Mail Stop Amendment

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

TRANSMITTAL


The following correspondence relating to this application is enclosed for filing:

1. Information Disclosure Statement (1 page);
2. Form PTO-1449 (2 pages);
3. Copies of Cited References (27 references); and
4. A Return Postcard.

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Respectfully submitted,

Date: November 20, 2006



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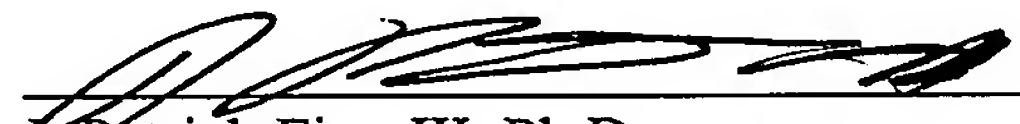
INFORMATION DISCLOSURE STATEMENT

Applicants request consideration of the references listed on the attached PTO-1449 form. Under 37 C.F.R. § 1.98 (a)(2)(ii), only copies of foreign patent documents and/or non-patent literature are enclosed. Copies of any listed U.S. patents or U.S. patent application publications can be provided upon request.

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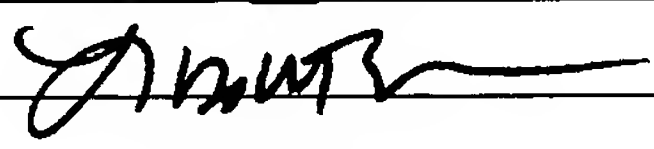

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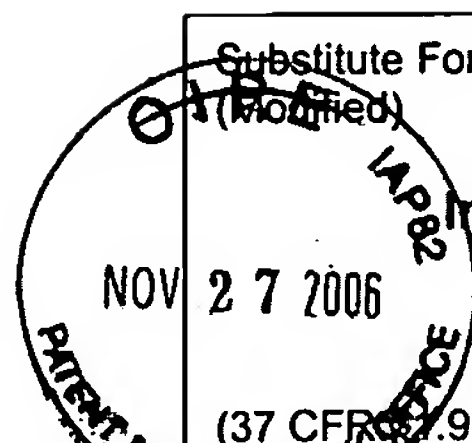
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Substitute Form PTO-1449 (Modified)  (37 CFR 1.98(b))	U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 07039-463US1	Application No. 10/554,122
	Information Disclosure Statement by Applicant (Use several sheets if necessary)			
	Applicant Brenda M. Ogle et al.		Filing Date October 21, 2005	Group Art Unit 1637

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	4,683,195	07/28/87	Mullis et al.			
	AB	4,683,202	07/28/87	Mullis			
	AC	4,800,159	01/24/89	Mullis et al.			
	AD	4,965,188	10/23/90	Mullis et al.			
	AE	5,445,934	08/29/95	Fodor et al.			
	AF	5,451,683	09/19/95	Barrett et al.			
	AG	5,635,354	06/03/97	Kourilsky et al.			
	AH	5,744,305	04/28/98	Fodor et al.			
	AI	5,837,447	11/17/98	Gorski			
	AJ	6,087,096	07/11/00	Dau et al.			

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AK	WO 92/09615	06/11/92	WIPO				
	AL	WO 97/45554	12/04/97	WIPO				
	AM	WO 98/08857	03/05/98	WIPO				
	AN	WO 98/20019	05/14/98	WIPO				

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AO	Arstila et al., "A Direct Estimate of the Human $\alpha\beta$ T Cell Receptor Diversity," <u>Science</u> , 1999, 286:958-961
	AP	Cascalho et al., "V _H Gene Replacement in Hyperselected B Cells of the Quasimonoclonal Mouse," <u>J. Immunol.</u> , 1997, 159:5795-5801
	AQ	Cascalho et al., "A Quasi-Monoclonal Mouse," <u>Science</u> , 1996, 272:1649-1652
	AR	Chen et al., "Immunoglobulin gene rearrangement in B cell deficient mice generated by targeted deletion of the J _H locus," <u>Int. Immunol.</u> , 1993, 5(6):647-656
	AS	Clemente et al., "Immunohistochemical Analysis of the T-Cell Receptor β -Chain Variable Regions Expressed by T Lymphocytes Infiltrating Primary Human Melanoma," <u>Lab. Invest.</u> , 1998, 78(5):619-627
	AT	Correia-Neves et al., "The Shaping of the T Cell Repertoire," <u>Immunity</u> , 2001, 14:21-32

Examiner Signature	Date Considered
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EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 07039-463US1	Application No. 10/554,122
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Other Documents (include Author, Title, Date, and Place of Publication)		
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	AU	Delassus et al., "PCR-based analysis of the murine immunoglobulin heavy-chain repertoire," <u>J. Immunol. Meth.</u> , 1995, 184:219-229
	AV	"PerCP-CY5.5-Conjugated Rat Anti--Mouse CD19 Monoclonal Antibody," BD Biosciences Pharmingen Technical Data Sheet, 2002, BD Biosciences, 2 pages
	AW	"BioArray™ HighYield™ RNA Transcript Labeling Kit (T7)," Technical Data Sheet, Enzo Life Sciences, Inc., 1999, 2 pages
	AX	"CD19 (SJ25C1)," Data Sheet, 2002, BD Biosciences, 2 pages
	AY	Farci et al., "The Outcome of Acute Hepatitis C Predicted by the Evolution of the Viral Quasispecies," <u>Science</u> , 2000, 288:339-344
	AZ	Hori et al., "A new statistical method for quantitative analyses: application to the precise quantification of T cell receptor repertoires," <u>J. Immunol. Meth.</u> , 2002, 268: 159-170
	AAA	Keshavarzi et al., "The Possibility of B-Cell-Dependent T-Cell Development," <u>Scand. J. Immunol.</u> , 2003, 57:446-452
	ABB	Langerak et al., "Molecular and flow cytometric analysis of the V β repertoire for clonality assessment in mature TCR $\alpha\beta$ T-cell proliferations," <u>Blood</u> , 2001, 98:165-173
	ACC	McHeyzer-Williams et al., "Evolution of Antigen-specific T Cell Receptors In Vivo: Preimmune and Antigen-driven Selection of Preferred Complementarity-determining Region 3 (CDR3) Motifs," <u>J. Exp. Med.</u> , 1999, 11(7):1823-1837
	ADD	Murata et al., "T Cell Receptor Repertoire of T Cells in the Kidneys of Patients With Lupus Nephritis," <u>Arthritis Rheum.</u> , 2002, 46(8):2141-2147
	AEE	Pannetier et al., "T-cell repertoire diversity and clonal expansions in normal and clinical samples," <u>Immunol. Today</u> , 1995, 16(4):176-181
	AFF	Pannetier et al., "The sizes of the CDR3 hypervariable regions of the murine T-cell receptor β chains vary as a function of the recombined germ-line segments," <u>Proc. Natl. Acad. Sci. USA</u> , 1993, 90:4319-4323
	AGG	Sheehan and Brodeur, "Molecular cloning of the primary IgH repertoire: a quantitative analysis of V _H gene usage in adult mice," <u>Embo. J.</u> , 1989, 8(8):2313-2320
	AHH	Silins et al., "Asymptomatic primary Epstein-Barr virus infection occurs in the absence of blood T-cell repertoire perturbations despite high levels of systemic viral load," <u>Blood</u> , 2001, 98(13):3739-3744
	AII	Slonim, "From patterns to pathways: gene expression data analysis comes of age," <u>Nat. Genet.</u> , 2002, 32(Suppl.):502-508
	AJJ	Tibshirani et al., "Diagnosis of multiple cancer types by shrunken centroids of gene expression," <u>Proc. Natl. Acad. Sci. USA</u> , 2002, 99(10):6567-6572
	AKK	Wagner et al., "Perturbation of the T cell repertoire in rheumatoid arthritis," <u>Proc. Natl. Acad. Sci. USA</u> , 1998, 95:14447-14452

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	